

## Application of McCall et al.

### Abstract

A method and apparatus for capture of a spherical image is disclosed. The present invention includes at least one camera having a lens with at least a 180° field-of-view for capturing a hemispherical image. In a first embodiment, a second hemispherical image is created corresponding to a mirror image of the hemispherical image captured by the camera. In a second embodiment, two back-to-back cameras capture first and second hemispherical images, respectively. In both embodiments, a converter combines the two images along their outside edges to form a single, spherical image. Finally, the converter stores the complete spherical image for later retrieval and perspective corrected viewing.